



**US Army Corps
of Engineers®**
New York District

**Mamaroneck & Sheldrake Rivers
Flood Damage Reduction Project
Village of Mamaroneck, NY
Flood Damage Risk Reduction**

FACT SHEET

PROJECT AREA AND PURPOSE: Located in eastern Westchester County, NY the Mamaroneck and Sheldrake Rivers have a combined drainage area of 23.6 miles and discharge into Long Island Sound. The project area is suburban and is located within the Village of Mamaroneck. The combination of low channel capacity, small bridge openings, developmental encroachment along both rivers, urbanization and a poor flow conveyance at the confluence of both rivers has contributed to significant and frequent flooding.

PROJECT AUTHORIZATION: Section 401(a) of WRDA 1986.

RECOMMENDED PROJECT: The Final General Design Memorandum (GDM) was completed in 1989 provided for modifying approximately 10,400 feet of river channel, constructing about 7,200 feet of retaining walls, replacing six bridges, and removal of one bridge on the Mamaroneck River. On the Sheldrake River, modifications include a diversion tunnel 3,550 feet in length from its inlet at Fenimore Road to the west basin of Mamaroneck Harbor, channel modifications along approximately 4,200 feet, and a retaining wall for approximately 900 feet. The estimated first cost of the GDM plan was \$67,099,400 (Oct 89), with a total annual cost of \$5,679,000, average annual benefits of \$7,311,000 and a benefit-to-cost ratio of 1.1.

STATUS: A Feasibility Report was completed in Oct 1977 and a GDM was completed in June 1988. After the project was authorized by WRDA 1986, it did not proceed to construction due to concerns of the non-Federal sponsors relating to the costs and separable element justification. Interest in the project has been renewed due to several recent flood events, particularly two events in the spring of 2007. A letter report recommending that the District reformulate the project in a General Reevaluation Report was approved by the North Atlantic Division on 14 April 2008. The District is preparing the Project Management Plan to scope and cost the reevaluation effort. In addition, the Design Agreement is being negotiated with the non-Federal Sponsor, the New York State Department of Environmental Conservation and we expect to sign the agreement in the first quarter of 2009. Full funding for the reevaluation of the project is provided in the Supplemental Appropriations Act for Fiscal Year 2007.

PROJECT COST:

Estimated Federal Cost	97,500,000
Estimated Non-Federal Cost	<u>52,500,000</u>
Total	\$150,000,000

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CONGRESSIONAL INTEREST: Nita Lowey, D-NY-18